

FIG.1

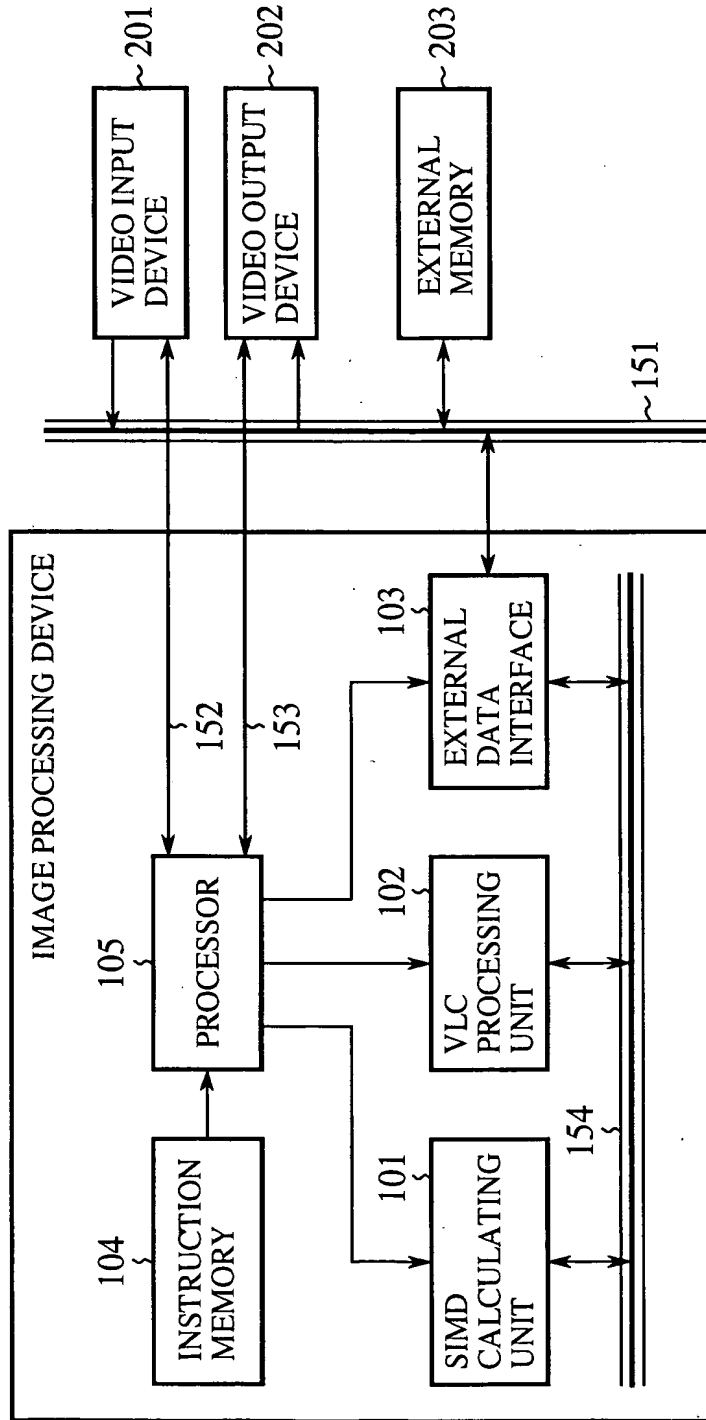


FIG.2

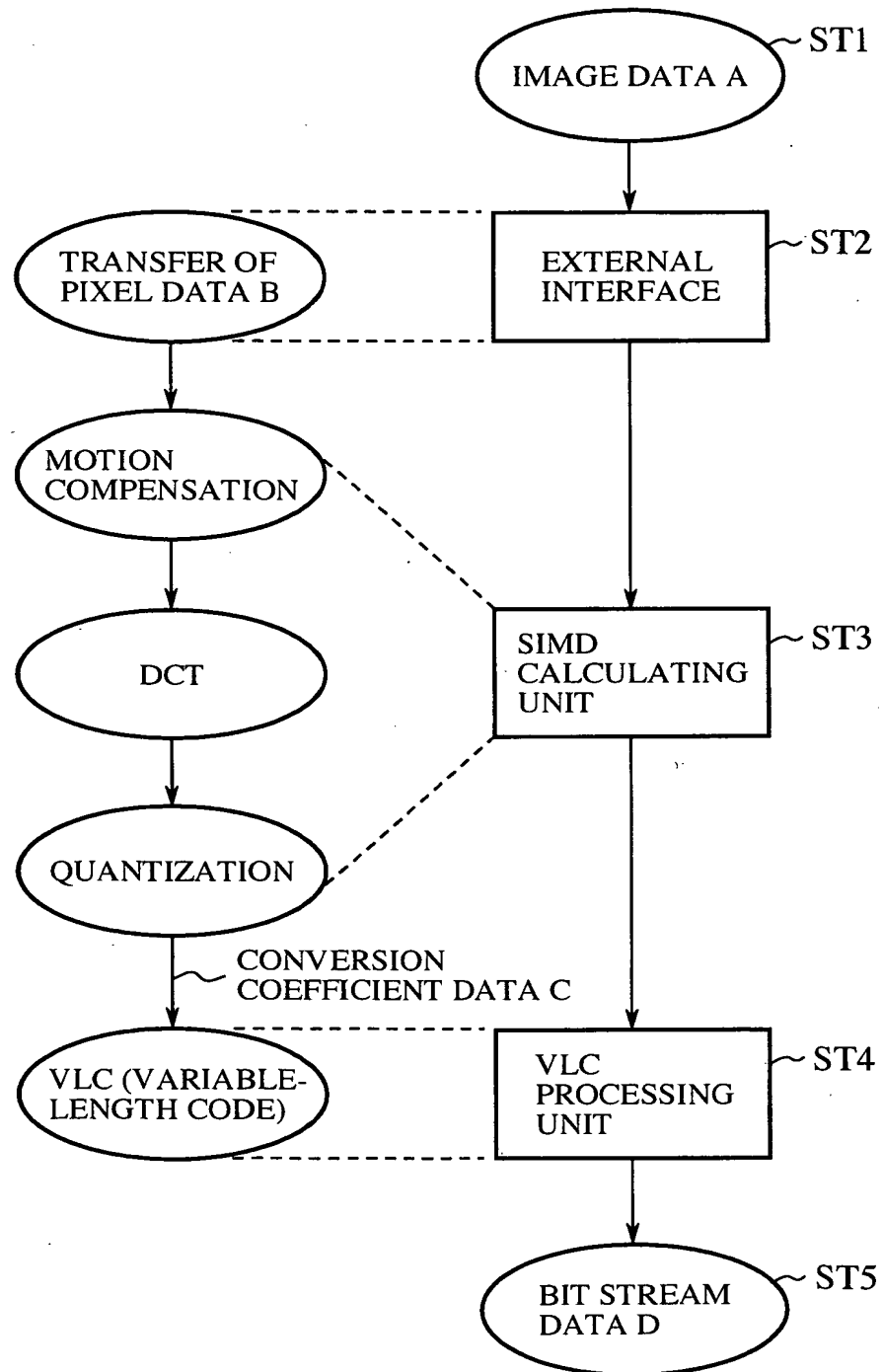


FIG. 3

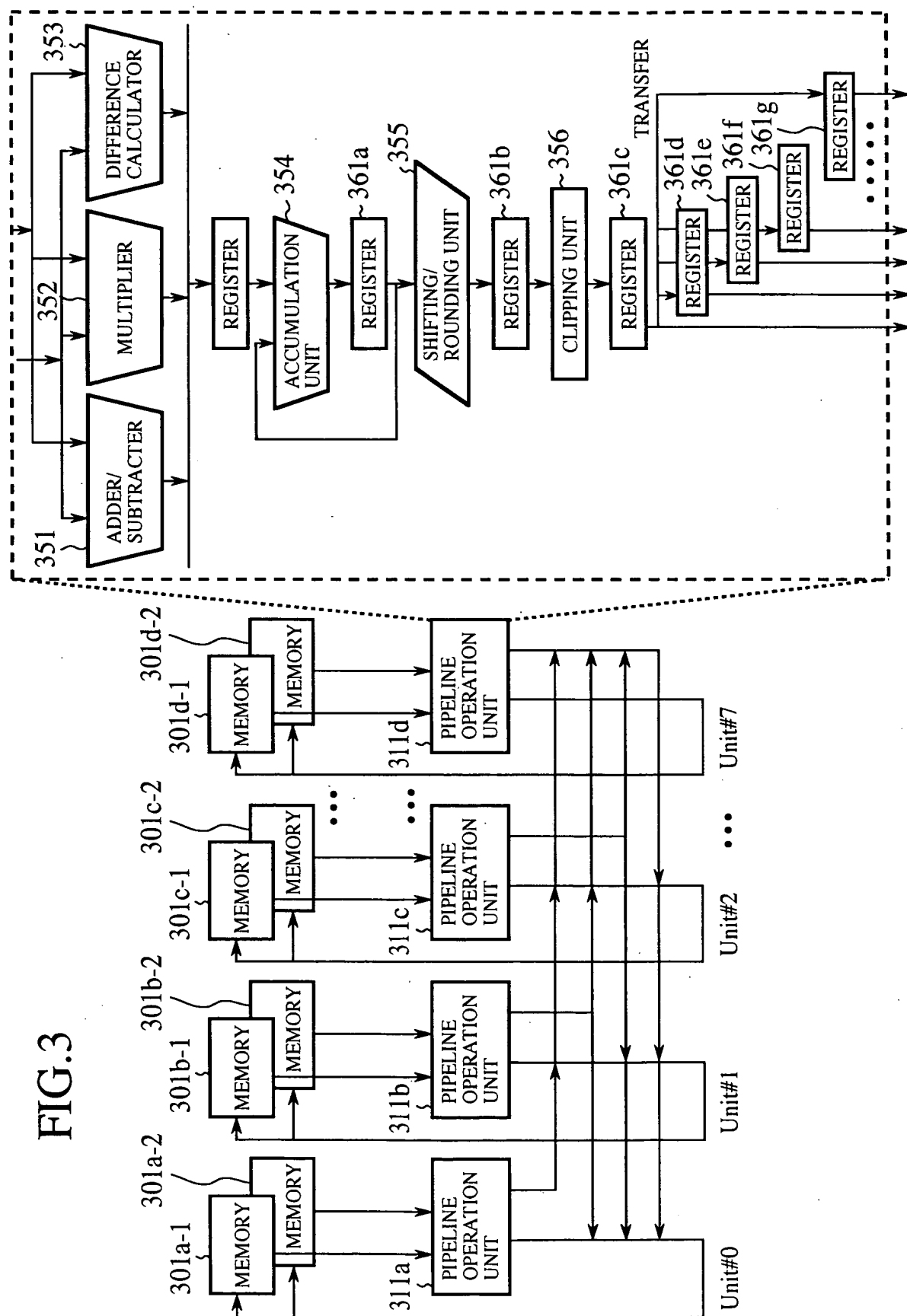


FIG.4

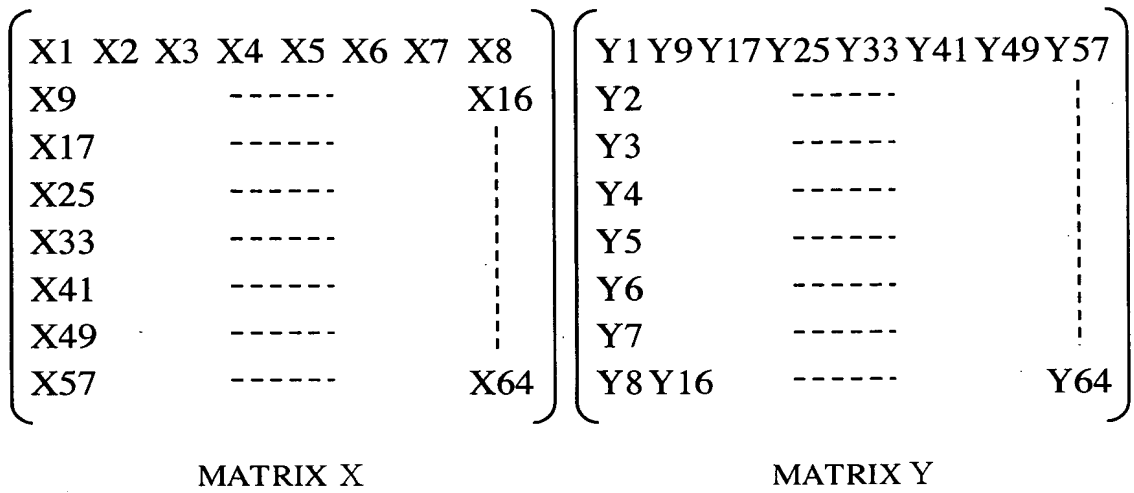


FIG.5

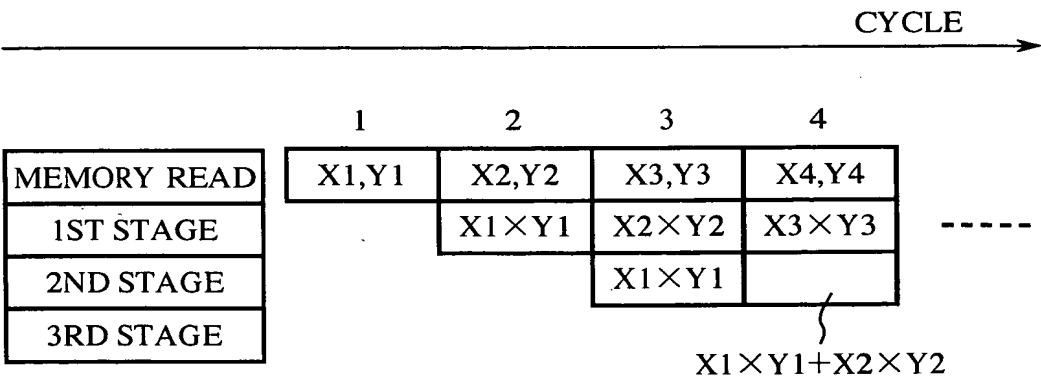


FIG.6

NUMBER OF CYCLES
REQUIRED FOR
GENERAL-PURPOSE
PROCESSOR TO
PERFORM IMAGE
PROCESSING

NUMBER OF CYCLES
REQUIRED FOR VLC
PROCESSING UNIT
TO PERFORM IMAGE
PROCESSING

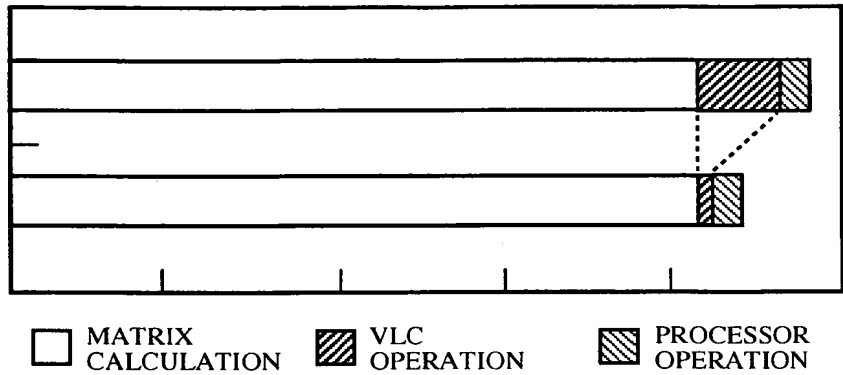


FIG.7

NUMBER OF CYCLES
REQUIRED FOR
GENERAL-PURPOSE
PROCESSOR TO
PERFORM IMAGE
PROCESSING

NUMBER OF CYCLES
REQUIRED FOR SIMD
CALCULATING UNIT
TO PERFORM IMAGE
PROCESSING

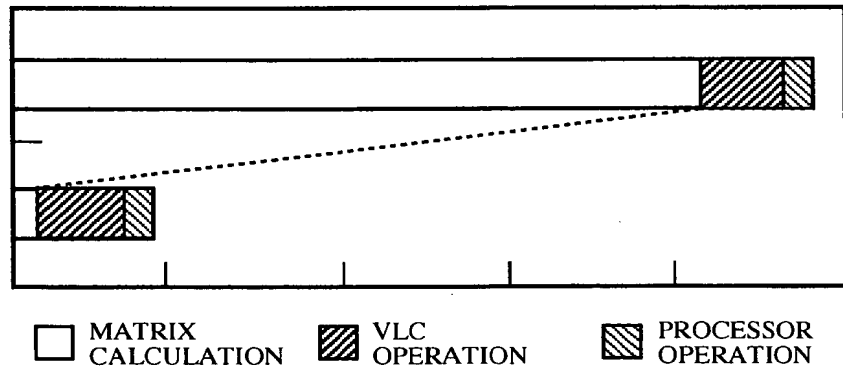


FIG.8

NUMBER OF CYCLES
REQUIRED FOR
GENERAL-PURPOSE
PROCESSOR TO
PERFORM IMAGE
PROCESSING

NUMBER OF CYCLES
REQUIRED FOR IMAGE
PROCESSING DEVICE
ACCORDING TO THE
PRESENT INVENTION
TO PERFORM IMAGE
PROCESSING

